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Cathodoluminescence degradation of $\text{SrGa}_2\text{S}_4:\text{Ce}^{3+}$ powder phosphor

Cathodoluminescence (CL) of strontium thiogallate doped with cerium was investigated using Auger electron spectroscopy (AES) coupled with CL spectroscopy. The CL data were collected when the samples were irradiated with a beam of electrons accelerated at 1.5 to 2.5 kV. Possible mechanisms of CL degradation are discussed.

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